

Docket: 60319 Ser. No. 09/697,009

Applicant: Davis et al.

Filed: October 25, 2000 Group: 3622

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1/	5983218	11/9/99	Suyeda-Mahmoo		
1	5991876	11/23/99	Johnson		
1/	6052486	4/18/00	Knowlton et al.		
1	6 052486	4/18/00	Knowlton et al.		
J	6095566	8/1/00	Yamamoto		
1	6122403	9/19/00	Rhoads		
1	6138151	10/24/00	Reber et al.		
1	6199048	3/6/01	Hudetz et al.		
3/	6286036	9/4/01	Rhoads		
1	6292092	9/18/01	Chow	RECEI	VEU
1	6311214	10/30/01	Rhoads	250.0	2002
	6321992	11/27/01	Knowles et al.	SEP 2 3	2003
1	6324573	11/27/01	Rhoads	ADOLLO	200
1	6325420	12/4/01	Zhang et al.	GROUP	300
	6332149	12/18/01	Warmus et al.		
1	6334721	1/1/02	Horigane		
	6343204	1/29/02	Yang		
1	6351815	2/26/02	Adams		
1	6403331	6/18/02	Rhoads		
17	6522770	2/18/03	Seder et al.		
	6542927	4/1/03	Rhoads		
J	6553129	4/22/03	Rhoads		
		US Patent Publicatio	n Doguments		
1	2001/0001854	5/24/01	Schena et al.		
1	2001/0001834	7/5/01	Horigane		
	2001/0000380	2/21/02	Ritz et al.		
- J	2002/0023148	4/25/02	Ginter et al.		
1	2002/0048309	5/16/02	Shinoda et al.		
	2002/0039102	3/10/02	Sillioda et al.		
		Foreign Patent D		····	
1	493091	1/7/92	EPO		
Jan Jan	- 629972	12/21/94	EP		
1	642060	3/8/95	EP		
1	650146	4/26/95	EP		
1	94/27228	11/24/94	PCT		
1	95/14289	5/26/95	PCT		
	95/20291	7/25/95	PCT		
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		ments	US Patent Doci		
	Class	Inventor	Date	Number	Ex'r Initjal
		Rothfjell	4/16/74	3805238	1
		Crosby	10/29/74	3845391	7
		Waggener	10/5/76	3984624	1
		Gassmann	12/9/80	4238849	7
		Maxemchuk	1/26/82	4313197	1
		Leventer et al.	1/4/83	4367488	4
		Leventer et al.	4/12/83	4380027	8
	9	Warner	4/12/83	4379947	1/
7		Lundy et al.	7/26/83	4395600	4
		Moses et al.	1/10/84	4425642	1
		Löfberg	7/9/85	4528588	1/
7		Greenberg	10/15/85	4547804	1
7		Hustig et al.	6/9/87	4672605	1
7		Tetrick et al.	6/23/87	4675746	7
		Goldman	8/25/87	4689477	1/
7		Blüthgen	6/7/88	4750173	
7		Broughton et al.	2/21/89	4807031	7
		Best	8/8/89	4855827	7
7		Earnest	12/19/89	4888798	1
7		Rushforth et al.	3/13/90	4908836	1
		Gorog	8/7/90	4947028	7
TA/FI	RECE	O'Grady et al.	11/6/90	4969041	1
On U Cases Ca		Nathans	11/20/90	4972476	i
3 2003	SEP 2 3	Shear	12/11/90	4977594	7
		Piosenka	2/12/91	4993068	7
P 360	GROUP	Johnson	6/11/91	5023907	1
7	OHIOO	Viyella	10/1/91	5053956	3
1		Gilhousen et al.	4/7/92	5103459	7
7		Durst	5/12/92	5113518	7
7		Corbin	8/11/92	5138712	7
		Veldhuis et al.	9/8/92	5146457	1
		DeJean et al.	9/7/93	5243423	
7		Fitzpatrick	11/16/93	5262860	1
7		Citron	2/22/94	5288976	7
7		Preuss et al.	6/7/94	5319735	1
7		Copriza	6/7/94	-5319453	1)

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			Wang	8/9/94	5337361	1 or
			Greenburg	1/3/95	5379345	9
ļ			Berson	1/24/95	5384846	1
			Izawa	1/31/95	5385371	1
			Izawa	1/31/95	5385371	1
			Powers	6/27/95	5428731	7
			Leslie	8/29/95	5446273	7
1			Figh	10/31/95	5463209	7
1			Berson	11/21/95	5469506	1-
1			Wang	11/28/95	5471533	2
1			Bfalogh	2/20/96	5493677	7
1			Tsai	2/27/96	5495581	4
1	-		Ananda	2/27/96	5495411	7
1			Walsh	3/5/96	5496071	J
1			Ramsay et al.	3/26/96	5502576	$\overline{A}$
1			Kunt et al.	6/11/96	5524933	7
1	·		Meske	6/25/96	5530852	
1			Ananda	8/20/96	5548645	1
1			Ross	9/3/96	5553143	3
1			Plum	11/26/96	5579479	
1			Cooperman	3/18/97	5613004	7/
	_		Stefik	5/13/97	5629980	7
	-CEIVE	~ F	Stefik	5/27/97	5634012	1
1_		H	Brugger	6/3/97	5636276	7
<b>J3</b>	SEP 2 3 200		Stefik	6/10/97	5638443	1
lanc	35-		Wellner	6/17/97	5640193	1
₽DO/	ONIP 3		Saito	7/8/97 ·	5646999	1
1	100	U	Barton	7/8/97	5646997	1
1			Barton	7/8/97	5646997	1
1			Peterson	7/29/97	5652714	1
1			Kawakami et al.	7/29/97	5652626	7
1			Kawakami	7/29/97	5652626	1
1 *			Brouwer	8/12/97	5657462	1
1			Schmid	8/19/97	5659164	1
1			Sandford	8/19/97	5659726	1
1			Sizer, II	9/2/97	5663766	7
1			Ikenoue et al.	9/23/97	5671277	7
1			Auerbach et al.	9/30/97	5673316	-V/

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			Moskowitz et al.	11/11/97	5687236	1
			Stefik	2/3/98	5715403	7
			Powell	2/24/98	5721788	1
			France	3/31/98	5734119	
			Wagner	4/21/98	5742845	1
			Bloomberg	6/2/98	5761686	1
			Bloomberg	6/2/98	5761686	7
			Erickson	6/9/98	5765152	7
			Rhoads	6/16/98	5768426	1
			Wolosewicz	6/30/98	5774452	1/
			Sandford, II et al.	7/7/98	5778102	1
			Peterson	9/1/98	5801687	
ĺ			Kogan	9/15/98	5809317.	
			Throckmorton	10/6/98	5818441	0_
			Rhoads	10/13/98	5822436	7
ĺ			Wolosewicz et al.	10/27/98	5828325	7
			Rhoads	11/3/98	5832119	1
·			Rhoads	11/24/98	5841886	7
ĺ			Rhoads	11/24/98	5841978	1
			Benson	12/1/98	5845281	1
			Scheinkman	12/8/98	5848424	7
			Rhoads	12/15/98	5850481	7
			Young	12/22/98	5852673	7
			Owada et al.	1/5/99	5857038	7
			Morales	2/16/99	5872589	J
			Ginter et al.	4/6/99	5892900	7
ĺ			Martineau	4/13/99	5893910	4
			` Iida	5/4/99	5900608	J_
			Russell et al.	5/18/99	5905248	
	CEVE	DI	Moskowitz et al.	5/18/99	5905800	7
	- 0001	A Francisco	Cox et al.	6/22/99	5915027	7
٥	SEP 2 3 200	•	DeMont	7/6/99	5920878	7
chi		Ī	Hall	7/6/99	5920861	1
DU	OUP 3	GH	Gasper et al.	7/6/99	5919730	7
			Garman	7/20/99	5926822	3
			Rathus	8/3/99	5932863	1
			Hussey et al.	8/3/99	5.932862	7
i			Saito	10/26/99	5974141	7

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17-	96/27259	9/6/96	PCT	RECEIVED
1	96/36163	11/14/96	PCT	257-2-0-000
1	8-50598	2/20/96	ЛР	SEP 2 3 2003

	Other References GROUP	3800°
	Other References GNUUI	9000
Ex'r Initial	Cite	
	Brassil, "Electronic Marking and Identification Techniques," Proc. of INFOCOM/94 Conf on Computer, IEEE Commun. Soc. Conf., pp. 1278-1287, 1994	
	Bruckstein, A.M.; Richardson, T.J., A Holographic Transform Domain Image Watermarking Method, Circuits, Systems, and Signal Processing vol.17, no.3 p. 361-89, 1998. This paper includes an appendix containing an internal memo of Bell Labs, which according to the authors of the paper, was dated September 1994.	
	Chow et al, "Forgery and Tamper-Proof Identification Document," IEEE Proc. 1993 Int. Carnahan Conf. on Security Technology, 35-15 Oct., 1993, pp. 11-14 (copy in 51475)	
$\geq$	"Copyright Protection for Digital Images, Digital Fingerprinting from FBI," Highwater FBI brochure,	
	Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, October 1994.	
$\geq$	High Water FBI Limited Presentation Image Copyright Protection Software," FBI Ltd brochure, July, 1995, 17 pages.	
$\sim$	Kawaguchi et al, "Principle and Applications of BPCS Steganography," Proc. SPIE Vol. 3528, Multimedia Systems and Applications, 2-4 Nov., 1998, pp. 464-473.	]
$\sim$	Roch, "Copyright Protection for Multimedia Data," Proc. of the Int. Conf. on Digital Media and Electronic Publishing, Leeds, U.K., 15 pages, 1994	
X	Komatsu et al, "A Proposal on Digital Watermarking om Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part 1, Vol. 73, No. 5, 1990, pp. 22-33.	
	Komatsu et al, "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science and Engineering, Wasdea Univ., No. 52, 1988, pp. 45-60.	
	Kurak et al., "A Cautionary Note On Image Downgrading," 1992 IEEE, pp. 153-159.	
	Mintzer et al., "Safeguarding Digital library Contents and Users" Digital Watermarking," D- Lib Magazine, December 1997: ISSN 1082-9873	
X	"Multimedia Mixed Object Envelopes Supporting a Graduated Fee Scheme via Encryption," IBM Technical Disclosure Bulletin: Vol 37, No. 03, March 1994, Page 413	
X	Szepanski, "A Signal Theoretic Method for Creating Forgery-Proof Documents for Automatic Verification," Proceedings 1979 Carnahan Conference on Crime Countermeasures, May 16, 1979, pp. 101-109	
$\geq$	Szepanski, "Additive Binary Data Transmission for Video Signals," Papers Presented at Conf. Of Comm. Engineering Soc. Sept. 30 – Oct. 3, 1980, Technical Reports Vol. 74, pp. 342-352.	
X	Tirkel et al, "Electronic Water Mark," DICTA-93, Macquarie University, Sydney, Australia, December, 1993, pp. 666-673.	
	Zhao et al., "Embedding Robust Labels, Into Images for Copyright Protection," Proc. of the	<u></u>

Examiner Signature:

| Date Considered:
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International Congress on Intellectual Property Rights for Specialized Information, Knowledge and New Technologies, 10 pages, 1995

60/000,442

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Provisional application 60/000,442, filed 6/20/95, "Method and Apparatus for Interfacing with

Remote Computers

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		US Patent Doci	iments		
Ex'r Initial	Number	Date	Inventor	Class	
1	2002/0012445	1/31/02	Perry		
VI	2002/0016816	2/7/02	Rhoads		
Ĵ	2002/0048621	4/25/02	Boyd et al.		
J	6311214	10/30/01	Rhoads		
		Other Refere	nces		
Ex'r Initial	Cite				
	Digimarc Watermark pages.	ing Guide [online] [retrie	ved on 5/2/2002], http://www	.digimarc.com, 21	

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